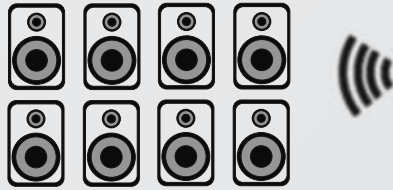


### Ultra Low Latency

Proprietary protocol lowers Bluetooth audio streaming latency down to ~15ms, perfect wireless solution for audio and video synchronisation.



### Multi-connections

Supports “one to over ten” connections, streaming audio to speakers synchronised.

### High SNR PWM

High frequency PWM output, direct drive speaker through FET with -122dBV SNR, 0.00082% THD+N.



### Customisation

Firmware customisation base on feature requirement is possible, NRE is needed.

### Time to market

Comprehensive solution, both hardware, firmware, certifications, shorten product development engineering cycle and resource.



**Dimension:** 17 x 30 x 3mm

**Antenna:** chip antenna, optional  
I-PEX connector

**Interfaces:** Analog in, SD/ MMC/eMMC, I2S, S/PDIF, Mic, Audio PWM, UART, SPI, IR

**Bluetooth:** classic & 5.0 dual mode

**Core:** Tensilica HiFi3 DSP w/ LX7 processor

**Memory:** Two 32x32 MAC or 24 x24 MAC; 352KB RAM; 16Mb Flash

**GPIO:** 21, multiplexed

**Operating voltage:** 5-7VDC

**Current consumption:** TBC

**Support profiles:** SPP1.2; RECOMM 1.2; A2DP1.3; AVRCP1.6; GAVDP 1.3; AVDTP 1.3; AVCTP 1.4; HFP 1.7; PBAP 1.2

**Support codec:** SBC; FastStream, mSBC, MP3 with 384kbps; ACC and ACC+; DAB & DAB+; ACC multi channel

**Certification:** FCC, CE, TELEC, BQB, KCC